LIST OF SYMBOLS AND ABBREVIATIONS

ACT - Accelerated Corrosion Test
ASTM - American Society for Testing and Materials
ANN - Artificial Neural Network
CPT - Chloride Penetration Time
CA - Coarse Aggregate
CS - Compressive Strength
CC - Conventional Concrete
i - Cumulative water absorption per unit area
ºC - degree centigrade
F_D - Ductility factor
FFBP - Feed Forward Back propagation
Y_u - Final deflection
S_f - Final stiffness
FA - Fine Aggregate
FS - Flexural Strength
FSW - Foundry Sand Waste
FL - Fuzzy Logic
GPa - Giga Pascal
IS - Indian Standard
P_i - Initial crack load
S_i - Initial stiffness
kg - kilograms
MAGFOU - Magnesite Foundry
MRW - Magnesite Refractory Waste
MPa - Mega Pascal
µA - micro ampere
MT - Million Ton
MOE - Modulus of Elasticity
OPC - Ordinary Portland Cement
xp, yp - Point of inflexion (the point at which the sign/direction of curve changes)
n - Porosity
RCPT - Rapid Chloride Permeability Test
R.C. - Reinforced Concrete
S - Sorptivity
SS - Split Tensile Strength
SP - Super Plasticizer
t - Time elapsed
P_u - Ultimate load
W_d - Weight of oven dried specimen
W_s - Weight of specimen at fully saturated condition
W_sub - Weight of specimen submerged in water
Y_i - Yield deflection